

CLAIMS:

1. A golf ball comprising an elastic core, an intermediate layer of at least one layer enclosing the elastic core, and a cover which is provided on its surface with a plurality of dimples, wherein
 - the cover has a gage of 1.0 to 1.5 mm,
 - the intermediate layer has a gage of 1.0 to 2.0 mm per layer,

10 the golf ball in its entirety has a specific gravity of at least 1.128 g/cm³.

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2. The golf ball of claim 1 wherein the specific gravity of the golf ball is up to 1.145 g/cm³.

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3. The golf ball of claim 1 wherein a phantom sphere is given on the assumption that the cover surface is free of dimples, the total of the volumes of dimple spaces each delimited by a concave wall of a dimple and the surface of the phantom sphere is 1.1 to 1.6% of the volume of the phantom sphere.

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4. The golf ball of claim 1 wherein the golf ball in flight has a coefficient of lift CL and a coefficient of drag CD, and the ratio CL/CD is 0.676 to 0.796 under a set of conditions: Reynolds number 200,000 and spin rate 2,700 rpm, 0.813 to 0.933 under a set of conditions: Reynolds number 120,000 and spin rate 2,400 rpm, and 0.856 to 0.976 under a set of conditions: Reynolds number 80,000 and spin rate 2,000 rpm.

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5. The golf ball of claim 1 wherein the cover is formed by injection molding.